

Laura A Boyle

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

2,780
citations

159585

30
h-index

214800

47
g-index

101
all docs

101
docs citations

101
times ranked

2388
citing authors

#	ARTICLE	IF	CITATIONS
1	Estrus detection and estrus characteristics in housed and pastured Holstein-Friesian cows. <i>Theriogenology</i> , 2010, 74, 255-264.	2.1	334
2	Hoof disorders, locomotion ability and lying times of cubicle-housed compared to pasture-based dairy cows. <i>Livestock Science</i> , 2009, 125, 199-207.	1.6	105
3	The translation of animal welfare research into practice: The case of mixing aggression between pigs. <i>Applied Animal Behaviour Science</i> , 2018, 204, 1-9.	1.9	90
4	Effect of surgical castration on the behavioural and acute phase responses of 5-day-old piglets. <i>Applied Animal Behaviour Science</i> , 2008, 111, 133-145.	1.9	88
5	Evaluating the prevalence of tail biting and carcass condemnations in slaughter pigs in the Republic and Northern Ireland, and the potential of abattoir meat inspection as a welfare surveillance tool. <i>Veterinary Record</i> , 2012, 171, 621-621.	0.3	83
6	Good animal welfare makes economic sense: potential of pig abattoir meat inspection as a welfare surveillance tool. <i>Irish Veterinary Journal</i> , 2012, 65, 11.	2.1	81
7	Docking the value of pigmeat? Prevalence and financial implications of welfare lesions in Irish slaughter pigs. <i>Animal Welfare</i> , 2014, 23, 275-285.	0.7	78
8	Assessing whether dairy cow welfare is "better" in pasture-based than in confinement-based management systems. <i>New Zealand Veterinary Journal</i> , 2020, 68, 168-177.	0.9	72
9	A brief note on the validation of a system for recording lying behaviour in dairy cows. <i>Applied Animal Behaviour Science</i> , 2008, 111, 195-200.	1.9	68
10	COVID-19 Effects on Livestock Production: A One Welfare Issue. <i>Frontiers in Veterinary Science</i> , 2020, 7, 585787.	2.2	68
11	Effect of gestation housing on behaviour and skin lesions of sows in farrowing crates. <i>Applied Animal Behaviour Science</i> , 2002, 76, 119-134.	1.9	51
12	Cross-Fostering Implications for Pig Mortality, Welfare and Performance. <i>Frontiers in Veterinary Science</i> , 2018, 5, 123.	2.2	46
13	Study on the Association between Tail Lesion Score, Cold Carcass Weight, and Viscera Condemnations in Slaughter Pigs. <i>Frontiers in Veterinary Science</i> , 2016, 3, 24.	2.2	44
14	Do weaner pigs need in-feed antibiotics to ensure good health and welfare?. <i>PLoS ONE</i> , 2017, 12, e0185622.	2.5	44
15	Longitudinal study of the effect of rubber slat mats on locomotory ability, body, limb and claw lesions, and dirtiness of group housed sows1. <i>Journal of Animal Science</i> , 2013, 91, 3940-3954.	0.5	41
16	Social network properties predict chronic aggression in commercial pig systems. <i>PLoS ONE</i> , 2018, 13, e0205122.	2.5	39
17	Early life indicators predict mortality, illness, reduced welfare and carcass characteristics in finisher pigs. <i>Preventive Veterinary Medicine</i> , 2017, 146, 94-102.	1.9	37
18	The influence of a magnesium-rich marine extract on behaviour, salivary cortisol levels and skin lesions in growing pigs. <i>Animal</i> , 2013, 7, 1017-1027.	3.3	35

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19	Removing prophylactic antibiotics from pig feed: how does it affect their performance and health?. BMC Veterinary Research, 2019, 15, 67.	1.9	35
20	Influence of access to straw provided in racks on the welfare of sows in large dynamic groups. Applied Animal Behaviour Science, 2008, 112, 235-247.	1.9	34
21	Effect of milking frequency and nutritional level on hoof health, locomotion score and lying behaviour of dairy cows. Livestock Science, 2010, 127, 248-256.	1.6	34
22	Relationship between tail lesions and lung health in slaughter pigs. Preventive Veterinary Medicine, 2016, 127, 21-26.	1.9	34
23	Influence of housing system during gestation on the behaviour and welfare of gilts in farrowing crates. Animal Science, 2000, 71, 561-570.	1.3	33
24	The effect of rubber versus concrete passageways in cubicle housing on claw health and reproduction of pluriparous dairy cows. Applied Animal Behaviour Science, 2007, 106, 1-12.	1.9	33
25	Does omission of a regular milking event affect cow comfort?. Livestock Science, 2011, 138, 132-143.	1.6	33
26	The Effect of Out-Wintering Pad Design on Hoof Health and Locomotion Score of Dairy Cows. Journal of Dairy Science, 2008, 91, 544-553.	3.4	32
27	Effects of scalding and dehairing of pig carcasses at abattoirs on the visibility of welfare-related lesions. Animal, 2016, 10, 460-467.	3.3	31
28	The Effect of Mixing Entire Male Pigs Prior to Transport to Slaughter on Behaviour, Welfare and Carcass Lesions. PLoS ONE, 2015, 10, e0122841.	2.5	31
29	Age-Related Changes in Pro-Inflammatory Cytokines, Acute Phase Proteins and Cortisol Concentrations in Neonatal Piglets. Neonatology, 2007, 91, 44-48.	2.0	30
30	Pig carcass tail lesions: the influence of record keeping through an advisory service and the relationship with farm performance parameters. Animal, 2017, 11, 140-146.	3.3	30
31	Validation of carcass lesions as indicators for on-farm health and welfare of pigs. Journal of Animal Science, 2017, 95, 1528.	0.5	29
32	Pro-inflammatory cytokine and acute phase protein responses to low-dose lipopolysaccharide (LPS) challenge in pigs. Animal Science, 2006, 82, 527-534.	1.3	28
33	Welfare and performance of yearling dairy heifers out-wintered on a wood-chip pad or housed indoors on two levels of nutrition. Animal, 2008, 2, 769-778.	3.3	28
34	Effects of gestation housing system and floor type during lactation on locomotory ability; body, limb, and claw lesions; and lying-down behavior of lactating sows ¹ . Journal of Animal Science, 2014, 92, 1675-1685.	0.5	28
35	Prevalence of welfare outcomes in the weaner and finisher stages of the production cycle on 31 Irish pig farms. Irish Veterinary Journal, 2018, 71, 9.	2.1	27
36	Artificial rearing affects piglets pre-weaning behaviour, welfare and growth performance. Applied Animal Behaviour Science, 2019, 210, 16-25.	1.9	27

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37	The effect of two teeth resection procedures on the welfare of piglets in farrowing crates. Part 1. <i>Applied Animal Behaviour Science</i> , 2005, 90, 233-249.	1.9	26
38	The effect of providing shredded paper or ropes to piglets in farrowing crates on their behaviour and health and the behaviour and health of their dams. <i>Applied Animal Behaviour Science</i> , 2006, 96, 1-17.	1.9	25
39	Private animal health and welfare standards in quality assurance programmes: a review and proposed framework for critical evaluation. <i>Veterinary Record</i> , 2017, 180, 612-612.	0.3	25
40	Delaying pigs from the normal production flow is associated with health problems and poorer performance. <i>Porcine Health Management</i> , 2017, 3, 13.	2.6	25
41	A Single Dose of Fat-Based Energy Supplement to Light Birth Weight Pigs Shortly After Birth Does Not Increase Their Survival and Growth. <i>Animals</i> , 2019, 9, 227.	2.3	25
42	An ethogram of biter and bitten pigs during an ear biting event: first step in the development of a Precision Livestock Farming tool. <i>Applied Animal Behaviour Science</i> , 2019, 215, 26-36.	1.9	24
43	Factors Influencing Farmer Willingness to Reduce Aggression between Pigs. <i>Animals</i> , 2019, 9, 6.	2.3	24
44	A Proposed Role for Pro-Inflammatory Cytokines in Damaging Behavior in Pigs. <i>Frontiers in Veterinary Science</i> , 2020, 7, 646.	2.2	24
45	Effects of Milking Frequency on Phagocytosis and Oxidative Burst Activity of Phagocytes from Primiparous and Multiparous Dairy Cows During Early Lactation. <i>Journal of Dairy Science</i> , 2008, 91, 587-595.	3.4	23
46	A comparison of the impact of behaviours performed by entire male and female pigs prior to slaughter on skin lesion scores of the carcass. <i>Livestock Science</i> , 2014, 170, 142-149.	1.6	23
47	The effect of breed and housing system on dairy cow feeding and lying behaviour. <i>Applied Animal Behaviour Science</i> , 2009, 116, 156-162.	1.9	22
48	A comparison of the estrous behavior of Holstein-Friesian cows when cubicle-housed and at pasture. <i>Theriogenology</i> , 2012, 77, 382-388.	2.1	22
49	The Evidence for a Causal Link Between Disease and Damaging Behavior in Pigs. <i>Frontiers in Veterinary Science</i> , 2021, 8, 771682.	2.2	22
50	The effect of two piglet teeth resection procedures on the welfare of sows in farrowing crates. Part 2. <i>Applied Animal Behaviour Science</i> , 2005, 90, 251-264.	1.9	21
51	Milking frequency and nutritional level affect grazing behaviour of dairy cows: A case study. <i>Applied Animal Behaviour Science</i> , 2010, 122, 77-83.	1.9	21
52	Managing respiratory disease in finisher pigs: Combining quantitative assessments of clinical signs and the prevalence of lung lesions at slaughter. <i>Preventive Veterinary Medicine</i> , 2021, 186, 105208.	1.9	20
53	The Effect of Out-Wintering Pad Design on the Synchrony of Dairy Cow Behavior. <i>Journal of Dairy Science</i> , 2008, 91, 4651-4660.	3.4	19
54	The effect of feeding a diet formulated for developing gilts between 70kg and ~140kg on lameness indicators and carcass traits. <i>Livestock Science</i> , 2015, 174, 87-95.	1.6	18

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55	Nurse sow strategies in the domestic pig: II. Consequences for piglet growth, suckling behaviour and sow nursing behaviour. <i>Animal</i> , 2019, 13, 590-599.	3.3	18
56	Nurse sow strategies in the domestic pig: I. Consequences for selected measures of sow welfare. <i>Animal</i> , 2019, 13, 580-589.	3.3	18
57	What can carcass-based assessments tell us about the lifetime welfare status of pigs?. <i>Livestock Science</i> , 2018, 214, 98-105.	1.6	17
58	Ear, tail and skin lesions vary according to different production flows in a farrow-to-finish pig farm. <i>Porcine Health Management</i> , 2019, 5, 19.	2.6	16
59	A reduction in milking frequency and feed allowance improves dairy cow immune status. <i>Journal of Dairy Science</i> , 2012, 95, 1177-1187.	3.4	15
60	Belief in Pigs' Capacity to Suffer: An Assessment of Pig Farmers, Veterinarians, Students, and Citizens. <i>Anthrozoos</i> , 2020, 33, 21-36.	1.4	15
61	Effect of split marketing on the welfare, performance, and carcass traits of finishing pigs1. <i>Journal of Animal Science</i> , 2012, 90, 373-380.	0.5	14
62	Effect of rubber slat mats on the behaviour and welfare of group housed pregnant sows. <i>Applied Animal Behaviour Science</i> , 2014, 151, 13-23.	1.9	14
63	Factors Affecting the Welfare of Unweaned Dairy Calves Destined for Early Slaughter and Abattoir Animal-Based Indicators Reflecting Their Welfare On-Farm. <i>Frontiers in Veterinary Science</i> , 2021, 8, 645537.	2.2	14
64	Surgical castration of pigs affects the behavioural response to a low-dose lipopolysaccharide (LPS) challenge after weaning. <i>Applied Animal Behaviour Science</i> , 2008, 112, 40-57.	1.9	13
65	Behavioural responses of pasture based dairy cows to short term management in tie-stalls. <i>Applied Animal Behaviour Science</i> , 2018, 198, 19-26.	1.9	13
66	Skin Temperature of Slaughter Pigs With Tail Lesions. <i>Frontiers in Veterinary Science</i> , 2020, 7, 198.	2.2	13
67	Effect of space allowance and mixing on growth performance and body lesions of grower-finisher pigs in pens with a single wet-dry feeder. <i>Porcine Health Management</i> , 2021, 7, 7.	2.6	13
68	Pig producer perspectives on the use of meat inspection as an animal health and welfare diagnostic tool in the Republic of Ireland and Northern Ireland. <i>Irish Veterinary Journal</i> , 2015, 69, 2.	2.1	12
69	The effects of two out-wintering pad systems compared with free-stalls on dairy cow hoof and limb health. <i>Journal of Dairy Research</i> , 2009, 76, 59-65.	1.4	11
70	The influence of a magnesium rich marine supplement on behaviour, salivary cortisol levels, and skin lesions in growing pigs exposed to acute stressors. <i>Applied Animal Behaviour Science</i> , 2013, 145, 92-101.	1.9	11
71	A cross-sectional study on the prevalence and risk factors for foot and limb lesions in piglets on commercial farms in Ireland. <i>Preventive Veterinary Medicine</i> , 2015, 119, 162-171.	1.9	11
72	Assessment of Animal-Based Pig Welfare Outcomes on Farm and at the Abattoir: A Case Study. <i>Frontiers in Veterinary Science</i> , 2020, 7, 576942.	2.2	11

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73	Effect of target slaughter weight on production efficiency, carcass traits and behaviour of restrictively-fed gilts and intact male finisher pigs. <i>Livestock Science</i> , 2011, 136, 169-174.	1.6	10
74	The Effect of Group Composition and Mineral Supplementation during Rearing on Measures of Cartilage Condition and Bone Mineral Density in Replacement Gilts. <i>Animals</i> , 2019, 9, 637.	2.3	10
75	Damaging Behaviour and Associated Lesions in Relation to Types of Enrichment for Finisher Pigs on Commercial Farms. <i>Animals</i> , 2019, 9, 677.	2.3	9
76	The effect of overgrown claws on behaviour and claw abnormalities of sows in farrowing crates. <i>Applied Animal Behaviour Science</i> , 2015, 166, 44-51.	1.9	8
77	Severe tail lesions in finisher pigs are associated with reduction in annual profit in farrow-to-finish pig farms. <i>Veterinary Record</i> , 2021, 188, e13.	0.3	8
78	Associations between skin lesion counts, hair cortisol concentrations and reproductive performance in group housed sows. <i>Livestock Science</i> , 2021, 246, 104463.	1.6	8
79	The effect of group composition and mineral supplementation during rearing on the behavior and welfare of replacement gilts. <i>Translational Animal Science</i> , 2020, 4, 1038-1050.	1.1	7
80	Environmental Risk Factors Influence the Frequency of Coughing and Sneezing Episodes in Finisher Pigs on a Farm Free of Respiratory Disease. <i>Animals</i> , 2022, 12, 982.	2.3	7
81	Animal welfare: an essential component in food safety and quality. , 2011, , 169-186.		6
82	Multi-Stakeholder Focus Groups on Potential for Meat Inspection Data to Inform Management of Pig Health and Welfare on Farm. <i>Agriculture (Switzerland)</i> , 2019, 9, 40.	3.1	6
83	Mixing aggression intensity is associated with age at first service and floor type during gestation, with implications for sow reproductive performance. <i>Animal</i> , 2021, 15, 100158.	3.3	6
84	Early Detection of Locomotion Disorders in Gilts Using a Novel Visual Analogue Scale; Associations with Chronic Stress and Reproduction. <i>Animals</i> , 2021, 11, 2900.	2.3	6
85	Adding value to food chain information: using data on pig welfare and antimicrobial use on-farm to predict meat inspection outcomes. <i>Porcine Health Management</i> , 2021, 7, 55.	2.6	6
86	Effects of finishing boars in mixed and single sex groups and split marketing on pig welfare. <i>Acta Veterinaria Scandinavica</i> , 2006, 48, 1.	1.6	5
87	Pig farmers' willingness to pay for management strategies to reduce aggression between pigs. <i>PLoS ONE</i> , 2019, 14, e0224924.	2.5	5
88	Artificial rearing affects the emotional state and reactivity of pigs post-weaning. <i>Animal Welfare</i> , 2019, 28, 433-442.	0.7	5
89	Why do Irish pig farmers use medications? Barriers for effective reduction of antimicrobials in Irish pig production. <i>Irish Veterinary Journal</i> , 2021, 74, 12.	2.1	5
90	Identifying challenges to manage body weight variation in pig farms implementing all-in-all-out management practices and their possible implications for animal health: a case study. <i>Porcine Health Management</i> , 2021, 7, 10.	2.6	5

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91	Farmer Perceptions of Pig Aggression Compared to Animal-Based Measures of Fight Outcome. <i>Animals</i> , 2019, 9, 22.	2.3	4
92	The changing face and associated drivers of research on welfare of the gestating sow. <i>Italian Journal of Animal Science</i> , 2021, 20, 2174-2187.	1.9	4
93	Risk Factors for Chronic Stress in Sows Housed in Groups, and Associated Risks of Prenatal Stress in Their Offspring. <i>Frontiers in Veterinary Science</i> , 2022, 9, 883154.	2.2	4
94	The effect of mats on the welfare of sows and piglets in the farrowing house. <i>Proceedings of the British Society of Animal Science</i> , 1998, 1998, 110-110.	0.0	3
95	Rearing in female-only groups and dietary mineral supplementation improves sow welfare in the early parities and lifetime performance. <i>Translational Animal Science</i> , 2020, 4, txaa176.	1.1	3
96	The Equipment Used in the SF6 Technique to Estimate Methane Emissions Has No Major Effect on Dairy Cow Behavior. <i>Frontiers in Veterinary Science</i> , 2020, 7, 620810.	2.2	3
97	An overview of Irish pig production, research and knowledge transfer since 1960. <i>Irish Journal of Agricultural and Food Research</i> , 2022, 61, .	0.4	3
98	The Effect of a Novel Transport System on the Welfare and Meat Quality of Slaughter Pigs. <i>Journal of Applied Animal Welfare Science</i> , 2021, 24, 260-271.	1.0	2